Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021218\
Data File : BG032650.D
Acq On : 12 Feb 2018 15:13
Operator : SJ/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Sohil
2/14/2018 10:36:22 AM

Quant Time: Feb 12 17:41:39 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 12 15:32:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.67	152	33678	20.00	ng		0.00
21) Naphthalene-d8	11.55	136	137190	20.00	ng		0.00
38) Acenaphthene-d10	15.31	164	97677	20.00	ng		0.00
63) Phenanthrene-d10	18.05	188	239594	20.00	ng		0.00
75) Chrysene-d12	22.37	240	300368	20.00	ng		0.00
86) Perylene-d12	26.02	264	316024	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.11	112	169863	101.31	ng		0.00
7) Phenol-d6	7.79	99	227622	101.73	ng		0.00
23) Nitrobenzene-d5	9.87	82	230111	104.77	ng		0.00
41) 2,4,6-Tribromophenol	16.79	330	158317	85.15	ng		0.00
44) 2-Fluorobiphenyl	13.93	172	794242	96.65	ng		0.00
78) Terphenyl-d14	20.59	244	1295988	92.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.78	88	32530	57.66	ng	#	74
3) Pyridine	4.23	79	86618	56.86	ng		90
4) n-Nitrosodimethylamine	4.15	42	42720	53.87	ng	#	76
6) Aniline	7.97	93	136974	49.10	ng		99
8) 2-Chlorophenol	8.22	128	96686	48.78	ng		84
9) Benzaldehyde	7.78	77	63288m	54.76	ng		
10) Phenol	7.82	94	110055	51.80	ng		93
11) bis(2-Chloroethyl)ether	8.07	93	79187	48.91	ng		85
12) 1,3-Dichlorobenzene	8.56	146	133066	49.64	ng		98
13) 1,4-Dichlorobenzene	8.71	146	125931	46.88	ng		97
14) 1,2-Dichlorobenzene	9.04	146	127455	48.43	ng		96
15) Benzyl Alcohol	8.91	79	86813	47.08	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.20	45	90646	59.09	ng		68
17) 2-Methylphenol	9.11	107	79405	46.01	ng	#	92
18) Hexachloroethane	9.79	117	46354	51.39	ng	#	75
19) n-Nitroso-di-n-propylamine	9.49	70	75889	51.15	ng	#	94
20) 3+4-Methylphenols	9.45	107	117956	48.73	ng		95
22) Acetophenone	9.52	105	159042	49.45	ng	#	95
24) Nitrobenzene	9.92	77	113885	53.62	ng		96
25) Isophorone	10.43	82	208142	55.65	ng	#	88
26) 2-Nitrophenol	10.64	139	64632	50.34	ng	#	89
27) 2,4-Dimethylphenol	10.67	122	85676	46.49	ng		95
28) bis(2-Chloroethoxy)methane	10.92	93	107802	52.56	ng	#	97
29) 2,4-Dichlorophenol	11.18	162	119549	48.97	ng		89
30) 1,2,4-Trichlorobenzene	11.40	180	164338	50.51	ng		98
31) Naphthalene	11.60	128	336995	50.29	ng		99
32) Benzoic acid	10.83	122	65719m	52.91	ng		
33) 4-Chloroaniline	11.70	127	135417	45.31	ng		95
34) Hexachlorobutadiene	11.87	225	131271	51.86	ng		95
35) Caprolactam	12.46	113	34995	49.94	ng	#	58
36) 4-Chloro-3-methylphenol	12.78	107	109690	47.37	ng		88
37) 2-Methylnaphthalene	13.16	142	276902	49.19	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.52	216	236008	51.65	ng	#	97
40) Hexachlorocyclopentadiene	13.49	237	153466	53.75	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.75	196	122560	49.31	ng		96
43) 2,4,5-Trichlorophenol	13.83	196	140968	48.65	ng		87
45) 1,1'-Biphenyl	14.15	154	419950	50.89	ng		96
46) 2-Chloronaphthalene	14.20	162	324796	50.22	ng		96
47) 2-Nitroaniline	14.39	65	75307	52.65	ng	#	79
48) Acenaphthylene	15.04	152	475466	48.63	ng		99
49) Dimethylphthalate	14.74	163	428073	47.53	ng		99
50) 2,6-Dinitrotoluene	14.87	165	91813	48.57	ng	#	80
51) Acenaphthene	15.37	154	329546	48.60	ng		97
52) 3-Nitroaniline	15.21	138	78937	47.81	ng	#	77
53) 2,4-Dinitrophenol	15.41	184	40361	38.05	ng	#	70
54) Dibenzofuran	15.70	168	481323	47.95	ng		98
55) 4-Nitrophenol	15.50	139	49796	40.28	ng	#	82
56) 2,4-Dinitrotoluene	15.65	165	129905	48.27	ng	#	71
57) Fluorene	16.35	166	396165	47.50	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.92	232	140320	49.10	ng	#	85
59) Diethylphthalate	16.09	149	413626	47.15	ng		97
60) 4-Chlorophenyl-phenylether	16.33	204	261492	49.72	ng		93
61) 4-Nitroaniline	16.37	138	82562	46.65	ng	#	78
62) Azobenzene	16.62	77	271310	51.76	ng		86
64) 4,6-Dinitro-2-methylphenol	16.41	198	87291	48.77	ng		74
65) n-Nitrosodiphenylamine	16.54	169	358982	50.21	ng		98
66) 4-Bromophenyl-phenylether	17.22	248	176606	49.75	ng		93
67) Hexachlorobenzene	17.35	284	187877	47.83	ng	#	91
68) Atrazine	17.47	200	155757	50.74	ng		97
69) Pentachlorophenol	17.69	266	120855	49.11	ng		99
70) Phenanthrene	18.09	178	653120	48.88	ng		99
71) Anthracene	18.18	178	674931	50.73	ng		98
72) Carbazole	18.44	167	580194	49.36	ng		99
73) Di-n-butylphthalate	18.95	149	664330	51.04	ng		99
74) Fluoranthene	20.06	202	876768	50.04	ng		94
76) Benzidine	20.22	184	387235	65.66	ng		97
77) Pyrene	20.42	202	895347	48.60	ng		99
79) Butylbenzylphthalate	21.27	149	309030	53.18	ng	#	78
80) Benzo(a)anthracene	22.35	228	949188	50.97	ng		98
81) 3,3'-Dichlorobenzidine	22.24	252	367060	50.88	ng	#	98
82) Chrysene	22.42	228	946598	52.64	ng		98
83) Bis(2-ethylhexyl)phthalate	22.19	149	441094	53.53	ng	#	97
84) Di-n-octyl phthalate	23.55	149	714130	54.64	ng	#	91
85) Indeno(1,2,3-cd)pyrene	30.24	276	1149055	50.51	ng	#	86
87) Benzo(b)fluoranthene	24.85	252	993310	52.02	ng	#	96
88) Benzo(k)fluoranthene	24.93	252	982647	51.95	ng	#	96
89) Benzo(a)pyrene	25.85	252	961467	52.82	ng	#	94
90) Dibenzo(a,h)anthracene	30.32	278	965907	51.87	ng	#	94
91) Benzo(g,h,i)perylene	31.57	276	930586	50.34	ng	#	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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